

COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)
Week 20 (5/15/2022- 5/21/2022)

COCONINO COUNTY
May 27, 2022



Situation Summary

MMWR Week 20 (5/15/2022-5/21/2022)

A total of 15,216 positive COVID-19 cases have been reported among Coconino County residents from January 1, 2022 – May 21, 2022.

Deaths (2022): 43 (0.3% of cases)
Hospitalizations (2022): 335 (2.2% of cases)
Total Up-To-Date: 41,455 (52.0% of fully vaccinated)

Cases Reported Week 20 (May 15, 2022 - May 21, 2022):

237
Positive
Cases

166.1
Rate per
100,000

13.9%
Positivity
Yield

5.6%
COVID-Like
Illness**

***CLI is reported using hospital surveillance at the county level. Banner Page and Flagstaff Medical Center are reporting CLI.*

Community Levels

Coconino County is currently at a **Low[†]** community level.

New Cases (per 100,000 people in the last 7 days)	Indicator	Low	Medium	High
Fewer than 200	New COVID-19 admissions per 100,000 population (7- day total)	<10.0 Coconino: 2.8	10.0-19.9	≥20.0
	Percent of staffed inpatient beds occupied by COVID-19 patients (7-day average)	<10.0% Coconino: 2.8%	10.0-19.9%	≥15.0%

[†]The COVID-19 community level is determined by the higher of the inpatient beds and new admissions indicators, based on the current level of new cases per 100,000 population in the past 7 days. For more information about the CDC's Community Levels see: <https://www.cdc.gov/coronavirus/2019-ncov/science/community-levels.html>. Hospital data reported from Flagstaff Medical Center and Tuba City Regional Health Care Corporation.

For Healthcare Facilities: COVID-19 Community Levels do not apply in healthcare settings, such as hospitals and nursing homes. Instead, healthcare settings should continue to use community transmission rates and follow CDC's infection prevention and control recommendations for healthcare workers.

Current Year Cases (January 1, 2022 – May 21, 2022):

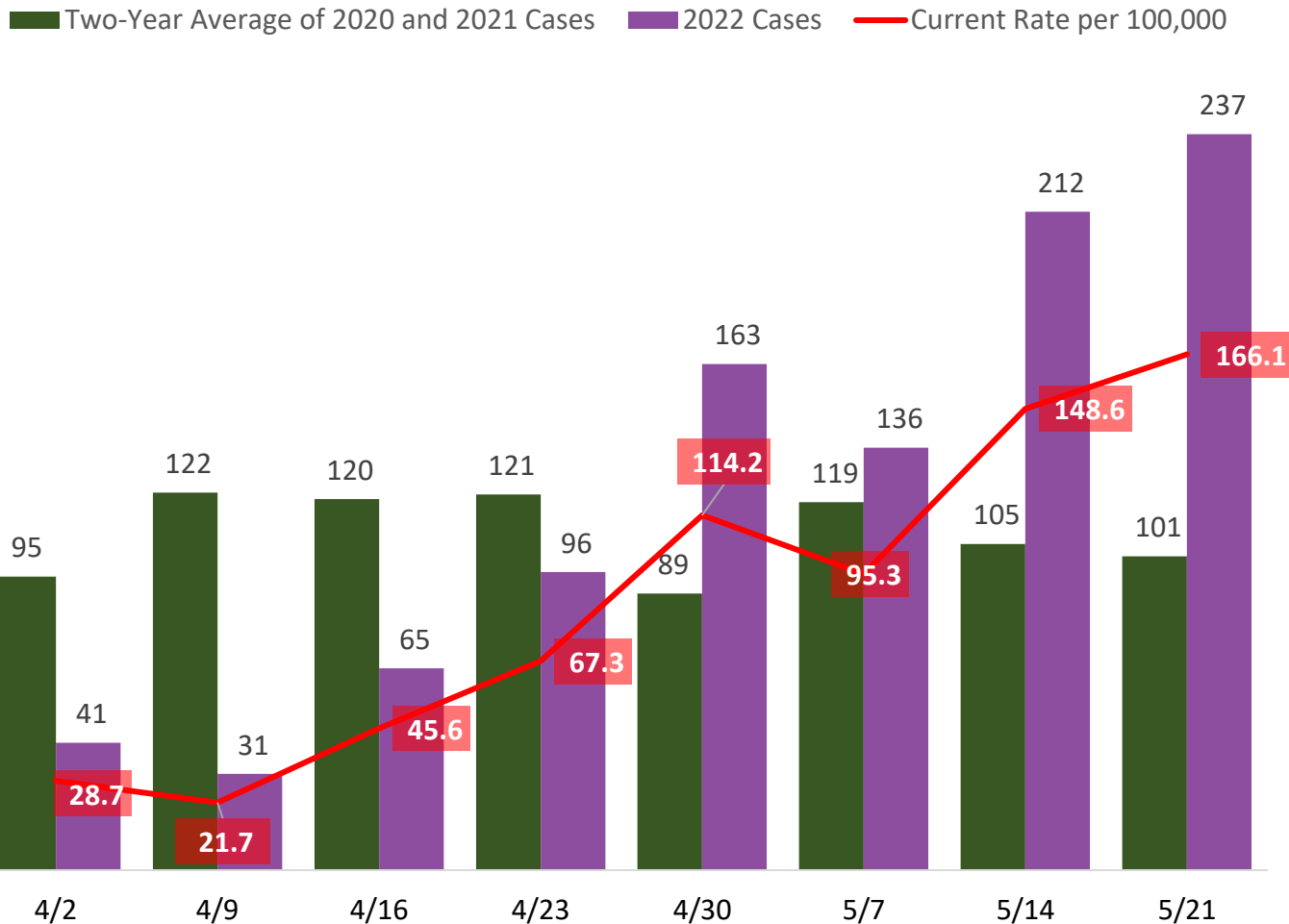
15,216
Positive
Cases

94,978
Total
Tests

24,250
People
Tested

25.2%
Positivity
Yield

Weekly Case Counts Among Coconino County Residents:

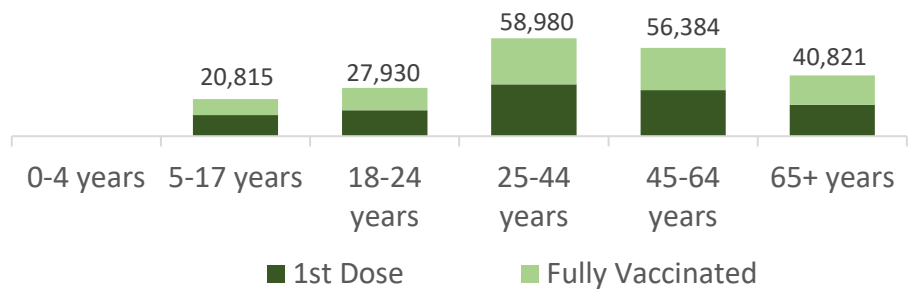


COVID-19 Situation Summary*

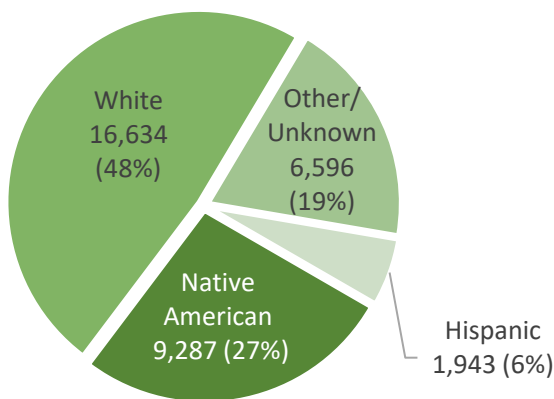
Please visit Vaccine Administration at azdhs.gov for additional Coconino County vaccine data.

COVID-19 Vaccinations Among Coconino County Residents:

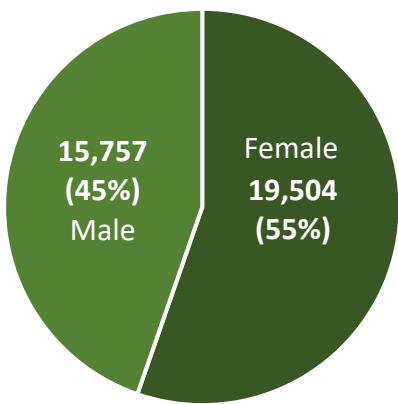
Total Vaccinations by Age



Up-To-Date by Race**



Up-To-Date by Sex

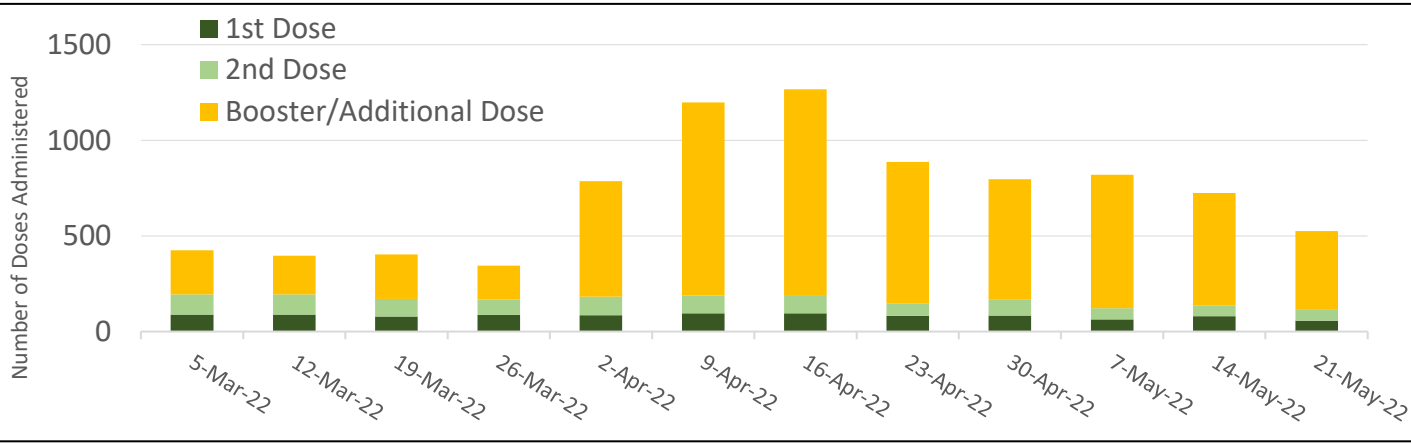


**The following races account for less than 1% of total Up-To-Date:
Asian or Pacific Islander (592) and Black or African American (241).

Total Fully Vaccinated: 79,631
(59.0% of eligible population)

52.0% of fully vaccinated individuals
have received a booster/additional dose

Weekly Vaccine Counts Among Coconino County Residents:



COVID-19 Situation Summary*

Location:

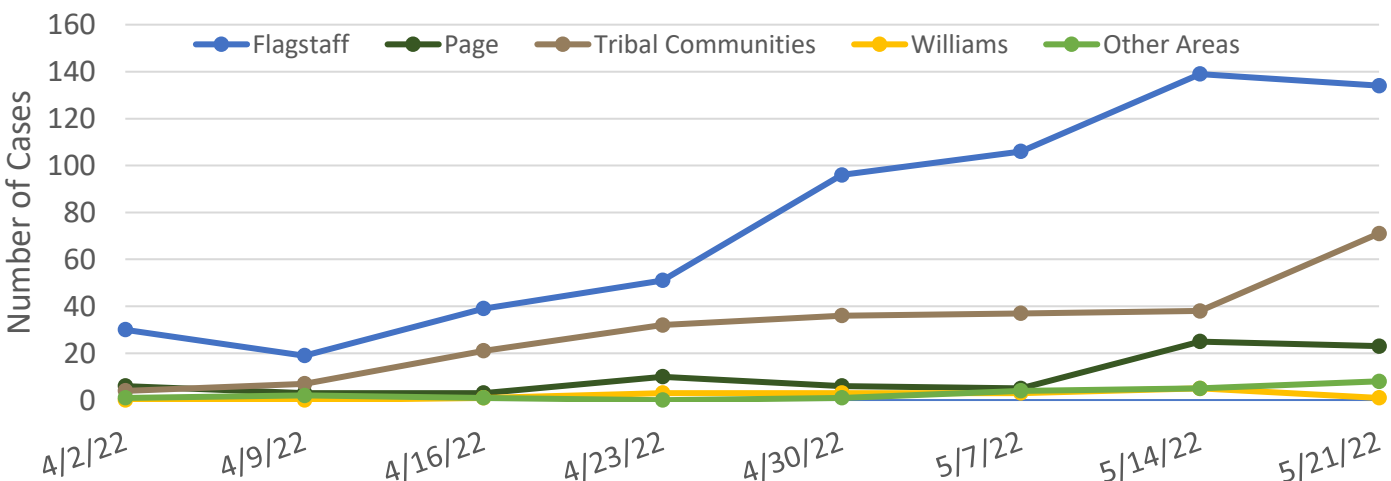
Location	Positive Cases	Case Incidence per 100,000	Positivity Yield	% of Population Up-to-Date on Vaccination [†]
Flagstaff	10,318	10,761	25.7%	43.7%
Page	730	9,668	27.8%	42.0%
Tribal Communities	3,373	13,359	30.8%	50.3%
Williams	279	4,609	26.9%	34.8%
Grand Canyon	138	5,959	28.4%	37.2%
Other Areas	376	6,671	22.7%	40.0%

*Cases reported from 1/1/22-5/21/22. [†]Population estimates include residents aged 5 and older. Vaccination data of Sedona residents have been excluded from Community calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

Key Take Away

- The highest **case incidence** for week 20 was observed in Page with an incidence of 304.6 per 100,000, respectively.
- The **lowest cumulative** percentage of the population **up-to-date** was observed in **Williams**.

COVID-19 Cases by Geographic Area



*Cases reported from 1/1/22-5/21/22

COVID-19 Situation Summary*

Age:

Age	Positive Cases	Case Incidence per 100,000	Positivity Yield	% of Population Up-to-Date on Vaccination [†]
0-4 years	585	7,537	21.9%	N/A
5-17 years	2,502	11,250	24.2%	21.6%
18-24 years	3,530	11,948	19.8%	28.9%
25-44 years	4,743	13,624	20.4%	38.5%
45-64 years	2,825	9,030	17.3%	52.7%
65+ years	1,031	6,071	14.0%	65.8%

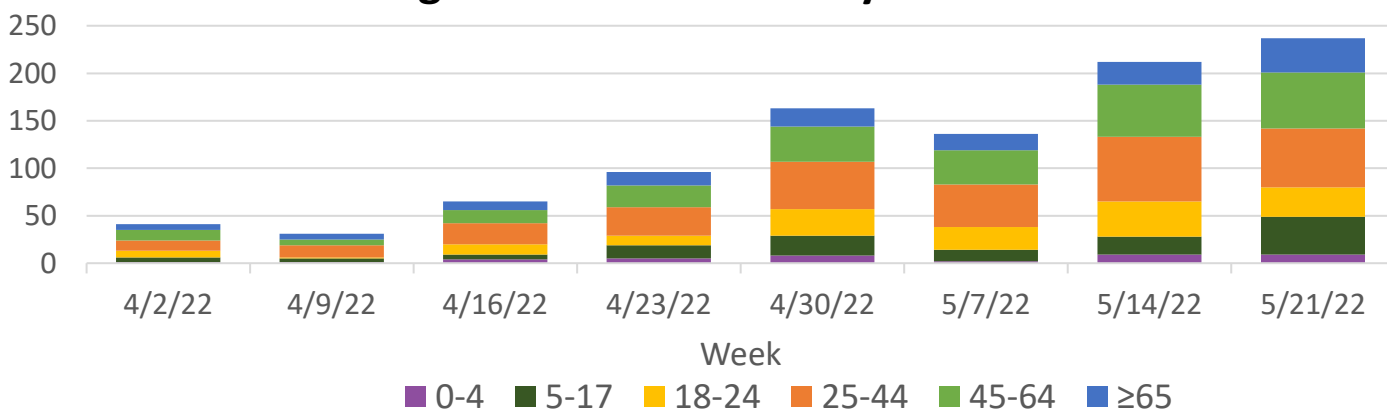
*Cases reported from 1/1/22-5/21/22. [†]Population estimates include residents aged 5 and older. Vaccination data of Sedona residents have been excluded from Age calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

The median age of Coconino County COVID-19 cases is 29 years old

🔑 Key Take Away

- The highest **case incidence** for week 20 was observed among residents aged 65+ with an incidence of 212 per 100,000.
- The highest **positivity yield** for week 20 was observed among residents aged 18-24 with a positivity yield of 19.2%.
- The **highest** cumulative percentage of the population **up-to-date** was observed among residents aged 65+.

Age of Positive Cases by Week



*Cases reported from 1/1/22-5/21/22

COVID-19 Situation Summary*

Race/Ethnicity:

Race/ Ethnicity	Positive Cases	Case Incidence per 100,000	% of Population Up-to-Date on Vaccination [‡]
Native American	5,176	13,478	47.4%
White	5,607	6,983	54.6%
Hispanic	2,118	10,182	32.1%
Black or African American	237	9,408	39.1%
Asian/ Pacific Island	270	8,164	45.2%
Other/ Unknown	1,808	N/A	N/A

*Cases reported from 1/1/22-5/21/22. [‡]Population estimates include residents aged 5 and older. Vaccination data of Sedona residents have been excluded from Race/Ethnicity calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

Key Take Away

- The **lowest cumulative percentage** of the population up-to-date was observed in **Hispanic** residents. The **highest cumulative percentage** of the population up-to-date was observed among **White** residents.

Sex:

Sex	Positive Cases	Case Incidence per 100,000	Positivity Yield	% of Population Up-to-Date on Vaccination [‡]
Female	8,262	11,454	24.8%	46.4%
Male	6,892	9,828	28.6%	42.0%

*Cases reported from 1/1/22-5/21/22. [‡] Population Estimates include residents aged 5 and older

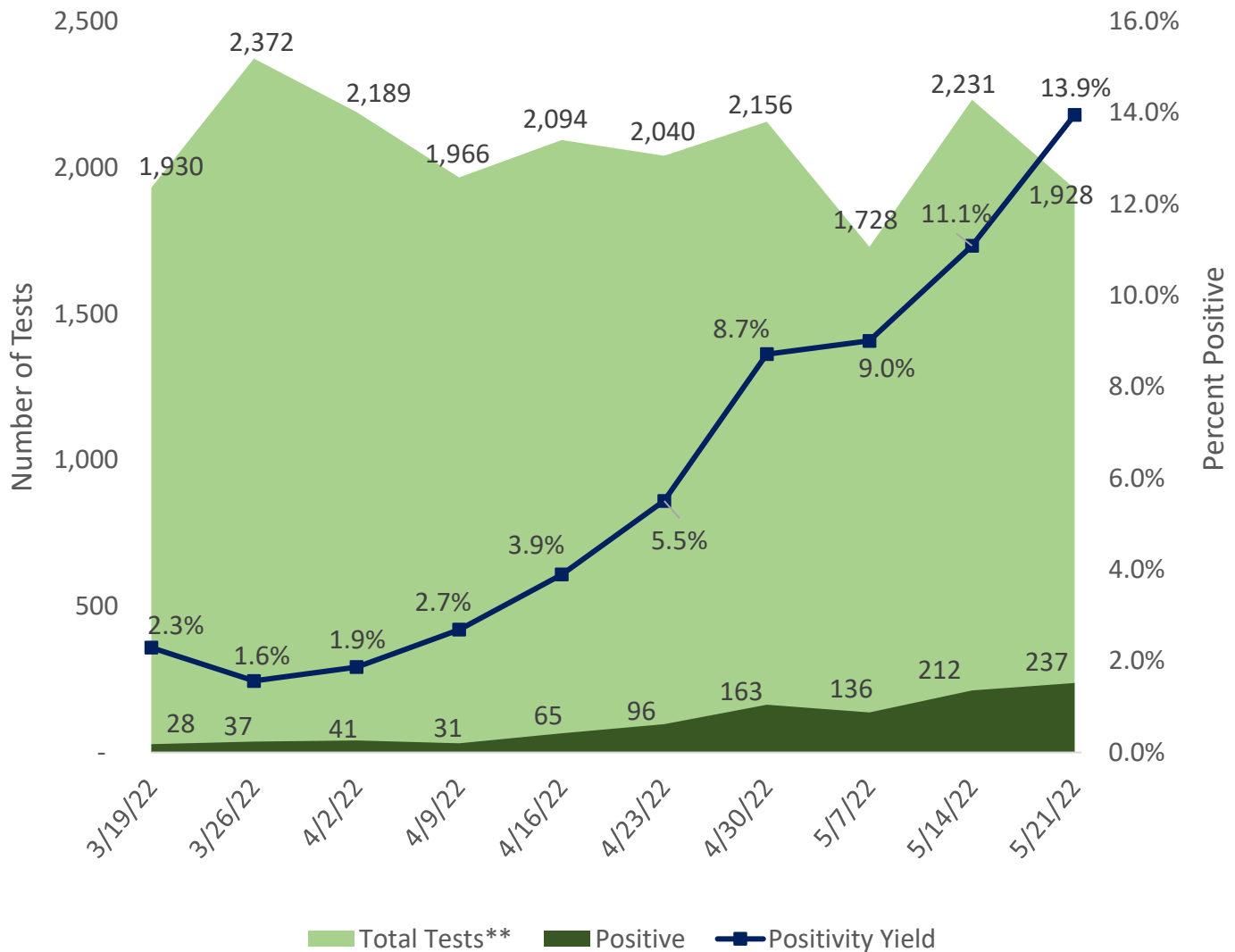
Key Take Away

- Although females have a slightly higher incidence of COVID-19 compared to males, females had 41% more tests than male residents in 2022.
- Male residents have higher testing positivity yields.

*Cases reported from 1/1/22-5/21/22

COVID-19 Situation Summary*

COVID-19 TESTING BY WEEK:



*Percent positivity was calculated using only ELR data due to insufficient reporting.

**Data was changed to display total tests per week rather than number of people tested per week.

COVID-19 Diagnostic Testing in 2022:

People Tested: A total of 24,250 Coconino County residents have been tested.

Tests Conducted: A total of 94,978 tests have been conducted among Coconino County residents.

Investigations: The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed 1,367 in 2022**

COVID-19 Situation Summary*

Hospitalizations in 2022

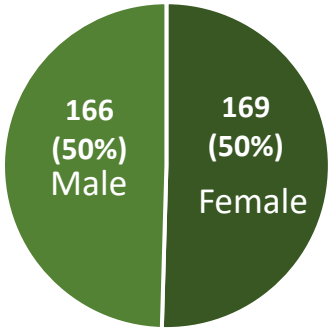
(not all hospitals are currently reporting hospitalization data to Coconino County):

Percentage of
Cases
2.2%

Hospitalized
335

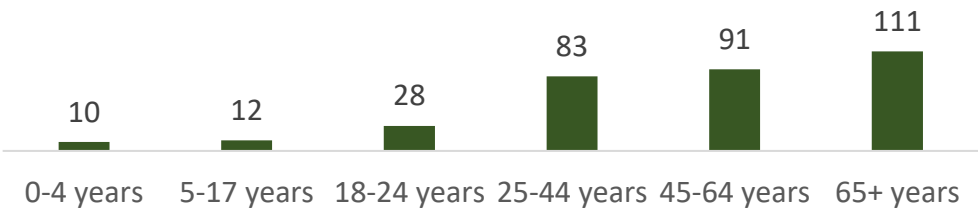
Hospitalizations
Per 100,000
235

Sex

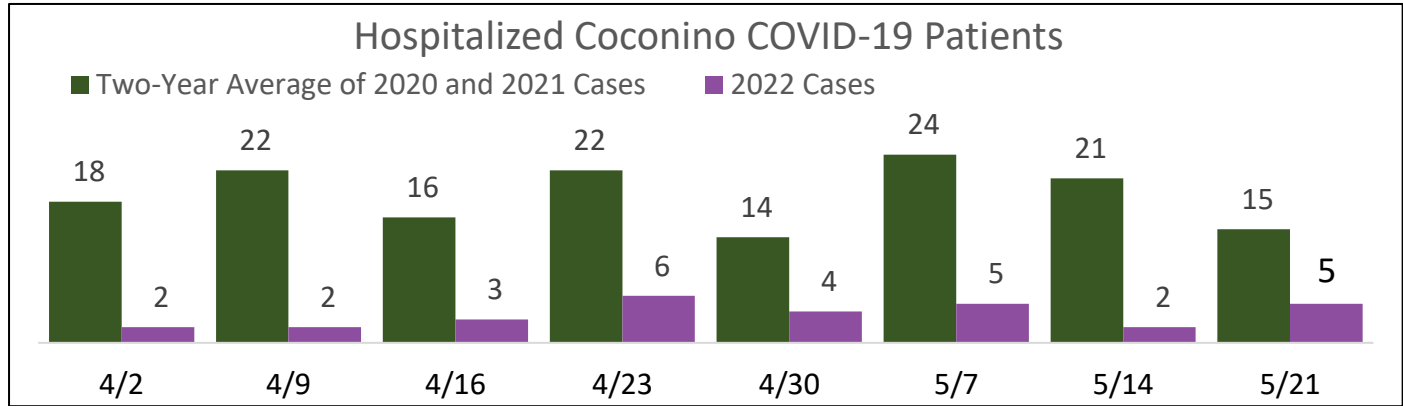


In 2022, 11% of hospitalized residents were in the ICU and 3% were intubated.

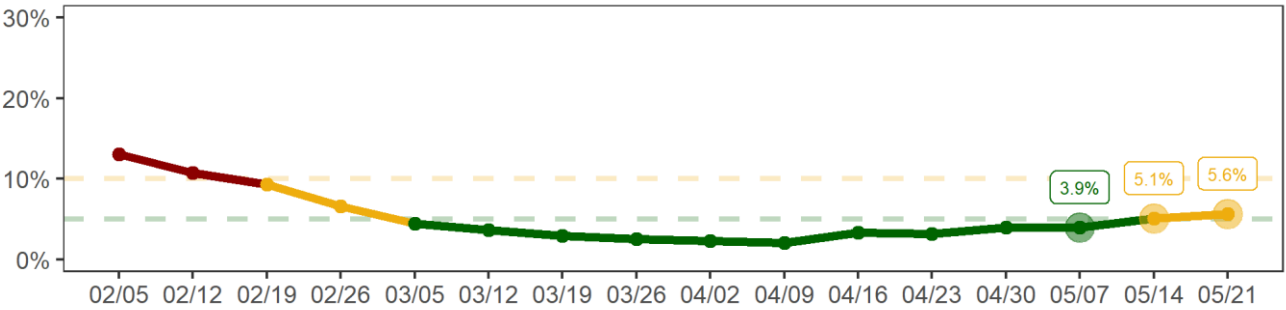
Hospitalized Coconino COVID-19 Patients by Age



Weekly Case Counts Among Coconino County Residents:



Hospital Visits with COVID-Like Illnesses Among Coconino County Residents:



*Cases reported from 1/1/22-5/21/22

CLI Graph represents data from hospital surveillance at the county level. Not all county hospitals are reporting CLI.

COVID-19 Situation Summary*

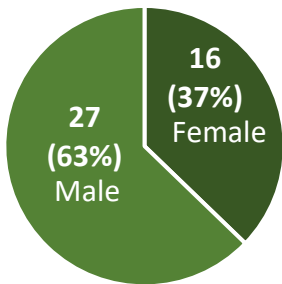
COVID-19 Related Deaths in 2022:

Percentage of
Cases
0.3%

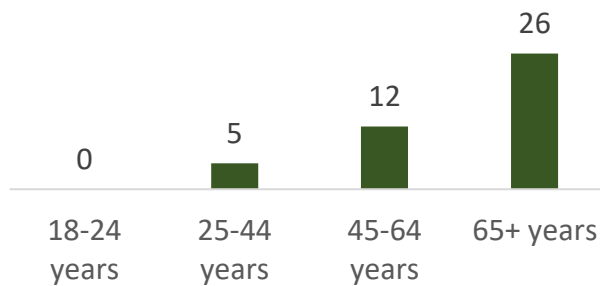
Deaths
43

Fatalities
Per 100,000
30.1

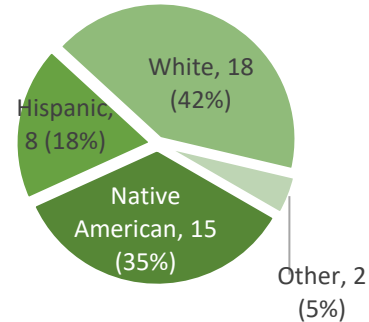
Sex



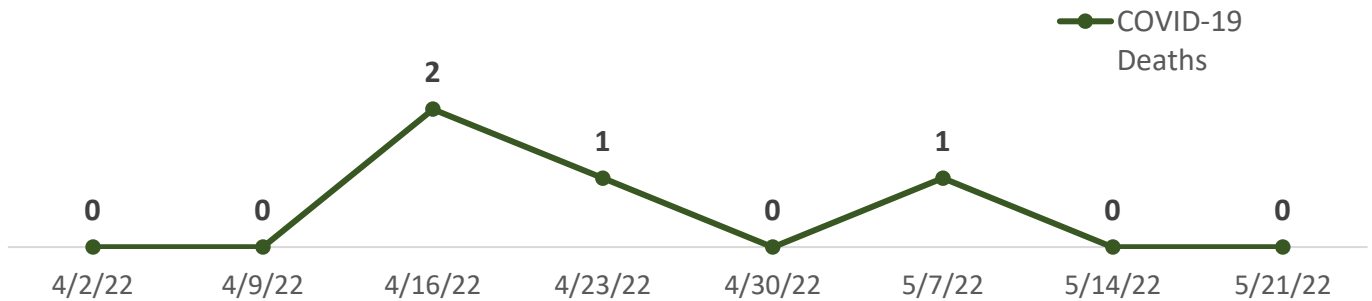
Coconino COVID-19 Deaths by Age



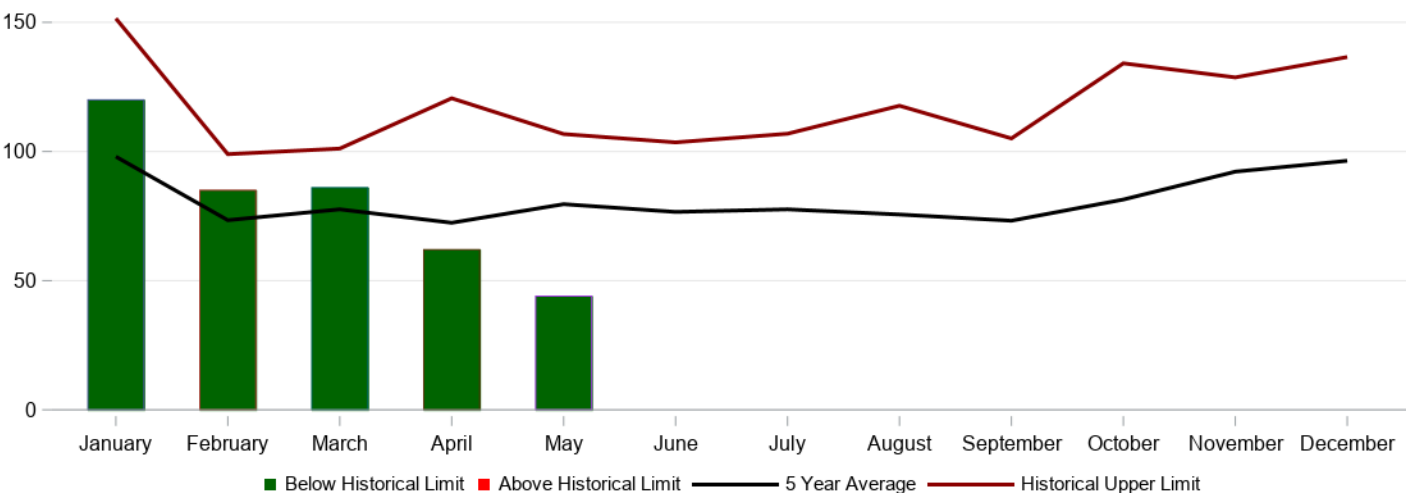
Race



Weekly COVID-19 Deaths Among Coconino County Residents:



2022 All Deaths Aberration



*Cases reported from 1/1/22-5/21/22

COVID-19 Situation Summary*

*Cases reported from 1/1/22-5/21/22

COVID-19 Variants in 2022:

Total Variants Being Monitored** and Variants of Concern***



****Variants Being Monitored** include variants for which there are data indicating a potential or clear impact on approved or authorized medical countermeasures or that has been associated with more severe disease or increased transmission but are no longer detected or are circulating at very low levels in the U.S, and as such, do not pose a significant and imminent risk to public health in the U.S.

***** Variants of Concern** include variants for which there is evidence of an increase in transmissibility, more severe disease (e.g., increased hospitalizations or deaths), significant reduction in neutralization by antibodies generated during previous infection or vaccination, reduced effectiveness of treatments or vaccines, or diagnostic detection failures.

For more information about SARS-CoV-2 variants, please visit the CDC webpage:

[SARS-CoV-2 Variant Classifications and Definitions \(cdc.gov\)](https://www.cdc.gov/sars-cov-2/variant-classifications-and-definitions.html)

For more information regarding variant testing in Arizona, please visit the TGen website:

[Arizona COVIDseq Tracker \(tgen.org\)](https://tgen.org/arizona-covidseq-tracker)

3,270 positive SARS-CoV-2 samples from Coconino County residents have been sequenced in 2022 by partnering laboratories to identify circulating variants.

Variants Being Monitored and Variants of Concern by Month

